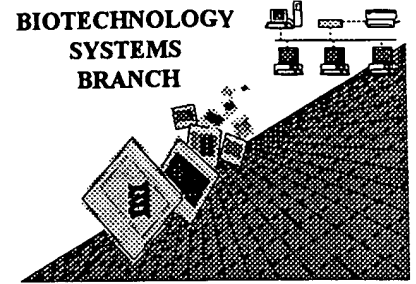


LiLee

RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/147,405
Art Unit / Team No. : 1645
Date Processed by STIC: 11/15/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/147,405

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
 (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
 This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Us of <213>Organism Sequence(s) are missing this mandatory field or its response.
(NEW RULES)
- 12 Use of <220>Feature Sequence(s) are missing the <220>Feature and associated headings.
(NEW RULES) Us of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

Li Lee

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,405

DATE: 11/15/1999
TIME: 10:51:16

Input Set: I147405.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

Does Not Comply
Corrected Diskette Needed

1 <110> APPLICANT: Guss, Bengt
2 Nilsson, Martin
3 Frykberg, Lars
4 Flock, Jan-Ingmar
5 Lindberg, Martin
6 <120> TITLE OF INVENTION: Fibrinogen Binding Protein Originating from
7 Coagulase-Negative Staphylococcus
8 <130> FILE REFERENCE: guss 09/147405
9 <140> CURRENT APPLICATION NUMBER: US/09/147,405
10 <141> CURRENT FILING DATE: 1998-04-01
11 <150> EARLIER APPLICATION NUMBER: PCT/SE97/10191
12 <151> EARLIER FILING DATE: 1997-06-18
13 <150> EARLIER APPLICATION NUMBER: SE 9602496-3
14 <151> EARLIER FILING DATE: 1996-06-20
15 <160> NUMBER OF SEQ ID NOS: 15
16 <170> SOFTWARE: PatentIn Ver. 2.0
17 <210> SEQ ID NO 1
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20 <213> ORGANISM: Artificial Sequence
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22 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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25 <210> SEQ ID NO 2
26 <211> LENGTH: 22
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
31 <400> SEQUENCE: 2
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33 <210> SEQ ID NO 3
34 <211> LENGTH: 18
35 <212> TYPE: DNA
36 <213> ORGANISM: Staphylococcus epidermidis
37 <400> SEQUENCE: 3
38 gantcngant cnganagn 18
39 <210> SEQ ID NO 4
40 <211> LENGTH: 19
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
43 <220> FEATURE:
44 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

W-->

0000 see item 10 on Error Summary Sheet

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,405DATE: 11/15/1999
TIME: 10:51:16

Input Set: I147405.RAW

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58 <213> ORGANISM: Artificial Sequence
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64 <211> LENGTH: 21
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92 <221> NAME/KEY: CDS
93 <222> LOCATION: (3)..(1781)
94 <400> SEQUENCE: 10

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,405

DATE: 11/15/1999
TIME: 10:51:16

Input Set: I147405.RAW

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96	His His His His His His Pro Ser Ser Asp Glu Glu Lys Asn Asp	
97	1 5 10 15	
98	gtg atc aat aat aat cag tca ata aac acc gac gat aat aac caa ata	95
99	Val Ile Asn Asn Asn Gln Ser Ile Asn Thr Asp Asp Asn Asn Gln Ile	
100	20 25 30	
101	att aaa aaa gaa gaa acg aat aac tac gat ggc ata gaa aaa cgc tca	143
102	Ile Lys Lys Glu Glu Thr Asn Asn Tyr Asp Gly Ile Glu Lys Arg Ser	
103	35 40 45	
104	gaa gat aga aca gag tca aca aca aat gta gat gaa aac gaa gca aca	191
105	Glu Asp Arg Thr Glu Ser Thr Thr Asn Val Asp Glu Asn Glu Ala Thr	
106	50 55 60	
107	ttt tta caa aag acc cct caa gat aat act cat ctt aca gaa gaa gag	239
108	Phe Leu Gln Lys Thr Pro Gln Asp Asn Thr His Leu Thr Glu Glu Glu	
109	65 70 75	
110	gta aaa gaa tcc tca tca gtc gaa tcc tca aat tca tca att gat act	287
111	Val Lys Glu Ser Ser Ser Val Glu Ser Ser Asn Ser Ser Ile Asp Thr	
112	80 85 90 95	
113	gcc caa caa cca tct cac aca aca ata aat aga gaa gaa tct gtt caa	335
114	Ala Gln Gln Pro Ser His Thr Thr Ile Asn Arg Glu Glu Ser Val Gln	
115	100 105 110	
116	aca agt gat aat gta gaa gat tca cac gta tca gat ttt gct aac tct	383
117	Thr Ser Asp Asn Val Glu Asp Ser His Val Ser Asp Phe Ala Asn Ser	
118	115 120 125	
119	aaa ata aaa gag agt aac act gaa tct ggt aaa gaa gag aat act ata	431
120	Lys Ile Lys Glu Ser Asn Thr Glu Ser Gly Lys Glu Glu Asn Thr Ile	
121	130 135 140	
122	gag caa cct aat aaa gta aaa gaa gat tca aca aca agt cag ccg tct	479
123	Glu Gln Pro Asn Lys Val Lys Glu Asp Ser Thr Thr Ser Gln Pro Ser	
124	145 150 155	
125	ggc tat aca aat ata gat gaa aaa att tca aat caa gat gag tta tta	527
126	Gly Tyr Thr Asn Ile Asp Glu Lys Ile Ser Asn Gln Asp Glu Leu Leu	
127	160 165 170 175	
128	aat tta cca ata aat gaa tat gaa aat aag gct aga cca tta tct aca	575
129	Asn Leu Pro Ile Asn Glu Tyr Glu Asn Lys Ala Arg Pro Leu Ser Thr	
130	180 185 190	
131	aca tct gcc caa cca tcg att aaa cgt gta acc gta aat caa tta gcg	623
132	Thr Ser Ala Gln Pro Ser Ile Lys Arg Val Thr Val Asn Gln Leu Ala	
133	195 200 205	
134	gcg gaa caa ggt tcg aat gtt aac cat tta att aaa gtt act gat caa	671
135	Ala Glu Gln Gly Ser Asn Val Asn His Leu Ile Lys Val Thr Asp Gln	
136	210 215 220	
137	agt att act gaa gga tat gat gat agt gaa ggt gtt att aaa gca cat	719
138	Ser Ile Thr Glu Gly Tyr Asp Asp Ser Glu Gly Val Ile Lys Ala His	
139	225 230 235	
140	gat gct gaa aac tta atc tat gat gta act ttt gaa gta gat gat aag	767
141	Asp Ala Glu Asn Leu Ile Tyr Asp Val Thr Phe Glu Val Asp Asp Lys	
142	240 245 250 255	
143	gtg aaa tct ggt gat acg atg aca gtg gat ata gat aag aat aca gtt	815
144	Val Lys Ser Gly Asp Thr Met Thr Val Asp Ile Asp Lys Asn Thr Val	

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/147,405

DATE: 11/15/1999
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Input Set: I147405.RAW

145		260		265		270	
146	cca tca gat tta acc gat agc ttt aca ata cca aaa ata aaa gat aat						863
147	Pro Ser Asp Leu Thr Asp Ser Phe Thr Ile Pro Lys Ile Lys Asp Asn						
148		275		280		285	
149	tct gga gaa atc atc gct aca ggt act tat gat aac aaa aat aaa caa						911
150	Ser Gly Glu Ile Ile Ala Thr Gly Thr Tyr Asp Asn Lys Asn Lys Gln						
151		290		295		300	
152	atc acc tat act ttt aca gat tat gta gat aag tat gaa aat att aaa						959
153	Ile Thr Tyr Thr Phe Thr Asp Tyr Val Asp Lys Tyr Glu Asn Ile Lys						
154		305		310		315	
155	gca cac ctt aaa tta acg tca tac att gat aaa tca aag gtt cca aat						1007
156	Ala His Leu Lys Leu Thr Ser Tyr Ile Asp Lys Ser Lys Val Pro Asn						
157		320		325		330	335
158	aat aat acc aag tta gat gta gaa tat aaa acg gcc ctt tca tca gta						1055
159	Asn Asn Thr Lys Leu Asp Val Glu Tyr Lys Thr Ala Leu Ser Ser Val						
160		340		345		350	
161	aat aaa aca att acg gtt gaa tat caa aga cct aac gaa aat cgg act						1103
162	Asn Lys Thr Ile Thr Val Glu Tyr Gln Arg Pro Asn Glu Asn Arg Thr						
163		355		360		365	
164	gct aac ctt caa agt atg ttt aca aat ata gat acg aaa aat cat aca						1151
165	Ala Asn Leu Gln Ser Met Phe Thr Asn Ile Asp Thr Lys Asn His Thr						
166		370		375		380	
167	gtt gag caa acg att tat att aac cct ctt cgt tat tca gcc aag gaa						1199
168	Val Glu Gln Thr Ile Tyr Ile Asn Pro Leu Arg Tyr Ser Ala Lys Glu						
169		385		390		395	
170	aca aat gta aat att tca ggg aat ggt gat gaa ggt tca aca att ata						1247
171	Thr Asn Val Asn Ile Ser Gly Asn Gly Asp Glu Gly Ser Thr Ile Ile						
172		400		405		410	415
173	gac gat agc aca ata att aaa gtt tat aag gtt gga gat aat caa aat						1295
174	Asp Asp Ser Thr Ile Ile Lys Val Tyr Lys Val Gly Asp Asn Gln Asn						
175		420		425		430	
176	tta cca gat agt aac aga att tat gat tac agt gaa tat gaa gat gtc						1343
177	Leu Pro Asp Ser Asn Arg Ile Tyr Asp Tyr Ser Glu Tyr Glu Asp Val						
178		435		440		445	
179	aca aat gat gat tat gcc caa tta gga aat aat aat gat gtg aat att						1391
180	Thr Asn Asp Asp Tyr Ala Gln Leu Gly Asn Asn Asn Asp Val Asn Ile						
181		450		455		460	
182	aat ttt ggt aat ata gat tca cca tat att att aaa gtt att agt aaa						1439
183	Asn Phe Gly Asn Ile Asp Ser Pro Tyr Ile Ile Lys Val Ile Ser Lys						
184		465		470		475	
185	tat gac cct aat aag gat gat tac acg act ata cag caa act gtg aca						1487
186	Tyr Asp Pro Asn Lys Asp Asp Tyr Thr Thr Ile Gln Gln Thr Val Thr						
187		480		485		490	495
188	atg cag acg act ata aat gag tat act ggt gag ttt aga aca gca tcc						1535
189	Met Gln Thr Thr Ile Asn Glu Tyr Thr Gly Glu Phe Arg Thr Ala Ser						
190		500		505		510	
191	tat gat aat aca att gct ttc tct aca agt tca ggt caa gga caa ggt						1583
192	Tyr Asp Asn Thr Ile Ala Phe Ser Thr Ser Ser Gly Gln Gly Gln Gly						
193		515		520		525	
194	gac ttg cct cct gaa aaa act tat aaa atc gga gat tac gta tgg gaa						1631

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RAW SEQUENCE LISTING
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DATE: 11/15/1999
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195      Asp Leu Pro Pro Glu Lys Thr Tyr Lys Ile Gly Asp Tyr Val Trp Glu
196              530                      535                      540
197      gat gta gat aaa gat ggt att caa aat aca aat gat aat gaa aaa ccg      1679
198      Asp Val Asp Lys Asp Gly Ile Gln Asn Thr Asn Asp Asn Glu Lys Pro
199              545                      550                      555
200      ctt agt aat gta ttg gta act ttg acg tat cct gat gga act tca aaa      1727
201      Leu Ser Asn Val Leu Val Thr Leu Thr Tyr Pro Asp Gly Thr Ser Lys
202      560                      565                      570                      575
203      tca gtc aga aca gat gaa gat ggg aaa tat caa ttt gat ggg gtg cag      1775
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206      gtc gac
207      Val Asp
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216              20                      25                      30
217      Lys Lys Glu Glu Thr Asn Asn Tyr Asp Gly Ile Glu Lys Arg Ser Glu
218              35                      40                      45
219      Asp Arg Thr Glu Ser Thr Thr Asn Val Asp Glu Asn Glu Ala Thr Phe
220              50                      55                      60
221      Leu Gln Lys Thr Pro Gln Asp Asn Thr His Leu Thr Glu Glu Glu Val
222              65                      70                      75                      80
223      Lys Glu Ser Ser Ser Val Glu Ser Ser Asn Ser Ser Ile Asp Thr Ala
224              85                      90                      95
225      Gln Gln Pro Ser His Thr Thr Ile Asn Arg Glu Glu Ser Val Gln Thr
226              100                      105                      110
227      Ser Asp Asn Val Glu Asp Ser His Val Ser Asp Phe Ala Asn Ser Lys
228              115                      120                      125
229      Ile Lys Glu Ser Asn Thr Glu Ser Gly Lys Glu Glu Asn Thr Ile Glu
230              130                      135                      140
231      Gln Pro Asn Lys Val Lys Glu Asp Ser Thr Thr Ser Gln Pro Ser Gly
232              145                      150                      155                      160
233      Tyr Thr Asn Ile Asp Glu Lys Ile Ser Asn Gln Asp Glu Leu Leu Asn
234              165                      170                      175
235      Leu Pro Ile Asn Glu Tyr Glu Asn Lys Ala Arg Pro Leu Ser Thr Thr
236              180                      185                      190
237      Ser Ala Gln Pro Ser Ile Lys Arg Val Thr Val Asn Gln Leu Ala Ala
238              195                      200                      205
239      Glu Gln Gly Ser Asn Val Asn His Leu Ile Lys Val Thr Asp Gln Ser
240              210                      215                      220
241      Ile Thr Glu Gly Tyr Asp Asp Ser Glu Gly Val Ile Lys Ala His Asp
242              225                      230                      235                      240
243      Ala Glu Asn Leu Ile Tyr Asp Val Thr Phe Glu Val Asp Asp Lys Val
244              245                      250                      255

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/147,405

DATE: 11/15/1999
TIME: 10:51:16

Input Set: I147405.RAW

Line ? Error/Warning

Original Text

38 W "N" or "Xaa" used: Feature required

gantcngant cnganagn